

Serial No.: 10/567,717

PU030177

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method, comprising:

scanning, by a wireless local area network scanner in a wireless device, to detect the presence of a wireless local area network WLAN;

detecting the presence of said wireless local area network by employing said wireless local area network scanner to identify energy fluctuations without a wireless local area network baseband circuit being activated to process data;

contacting a base station of said wireless local area network by a the wireless local area network baseband circuit in said wireless device in response to detection of said wireless local area network to request location of said base station; and

receiving location of said wireless local area network.

2. (Previously Presented) The method according to claim 1, further comprising logging, on said wireless device, said location of said base station for future reference.

3. (Original) The method of claim 1, wherein said location comprises a map coordinate location of said base station.

4. (Original) The method of claim 1, wherein said location comprises one of a street address and longitude/latitude coordinates for said base station.

5. (Previously Presented) The method of claim 1, wherein said contacting further comprises comparing a media access control MAC address of said base station to a database of known locations of base stations of wireless local area networks and not requesting a location if the contacted said base station is already in said database

6. (Original) The method of claim 2, wherein said logging of said location is one of an automated logging and a manual logging.

Serial No.: 10/567,717

PU030177

7. (Original) The method according to claim 1, wherein said location comprises global position coordinates.

8. (Original) The method of claim 1, wherein said detecting comprises detecting signature sequences from a wireless local area network.

9. (Currently Amended) A wireless device configured to carry out the following steps:

scanning to detect presence of a wireless local area network WLAN;

detecting the presence of said wireless local area network by identifying energy fluctuations of a wireless local area network signal prior to performing carrier recovery;

requesting a base station of said wireless local area network detected for a location of said base station; and

receiving and logging said location, on said wireless device, of said base station of said wireless local area network.

10. (Original) The wireless device of claim 9, wherein said location comprises a map location of said base station.

11. (Previously Presented) The wireless device of claim 9, wherein said location comprises a street address for said base station.

12. (Previously Presented) The wireless device of claim 9, wherein said location comprises global position coordinates

13. (Canceled)

14. (Currently Amended) The wireless device of claim 9, wherein said detecting comprises detection of an energy signature from said wireless local area network.

Serial No.: 10/567,717

PU030177

15. (Previously Presented) The wireless device of claim 9, further comprising the step of displaying a location of a base station of a wireless local area network logged previously that is near said wireless device.

16. (Currently Amended) A mobile device operable to communicate with a wireless communication network and a wireless local area network (WLAN), configured for carrying out the following steps:

scanning to detect presence of a wireless local area network WLAN by a wireless local area network scanner in a wireless device;

detecting presence of said wireless local area network by employing said wireless local area network scanner to identify energy fluctuations without a wireless local area network baseband circuit being activated to process data;

contacting a base station of said wireless local area network detected to request location of said base station by a the wireless local area network baseband circuit in said wireless device in response to detection of said wireless local area network; and

receiving location of said wireless local area network.

17. (Previously Presented) The mobile device of claim 16, further comprising logging said location of said base station for future reference.

18. (Original) The mobile device of claim 16, wherein said location comprises a map coordinate location of said base station.

19. (Original) The mobile device of claim 16, wherein said location comprises a street address for said base station.

20. (Original) The mobile device of claim 16, wherein said location comprises global position coordinates.

Serial No.: 10/567,717

PU030177

21. (Previously Presented) The mobile device of claim 16, further comprising displaying a location of a logged bases station of a wireless local area network near a location input by a user.